

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A refrigeration apparatus provided with a refrigerant circuit ~~(90)~~-having a plurality of refrigerant circulating routes and capable of operation in a mode where the plurality of refrigerant circulating routes differ in at least one of refrigerant evaporation temperature and refrigerant condensation temperature,

wherein a compressor ~~(10)~~ of the refrigerant circuit ~~(90)~~ comprises a single casing ~~(11)~~ in which a first compression mechanism ~~(31)~~-linked to a first refrigerant circulating route and a second compression mechanism ~~(32)~~-linked to a second refrigerant circulating route are arranged.

2. (Currently Amended) The refrigeration apparatus of claim 1,
wherein the first and second compression mechanisms ~~(31, 32)~~-differ from each other in compression ratio.

3. (Currently Amended) The refrigeration apparatus of claim 1,
wherein the first and second compression mechanisms ~~(31, 32)~~-differ from each other in displacement volume.

4. (Currently Amended) The refrigeration apparatus of claim 1,

wherein:

the first and second compression mechanisms ~~(31, 32)~~ are scroll compression mechanisms,

an orbiting scroll ~~(50)~~ integrated by sequentially layering a first flat-plate part ~~(51)~~, a first movable-side wrap ~~(53)~~, a second flat-plate part ~~(52)~~ and a second movable-side wrap ~~(54)~~, and a fixed scroll ~~(40)~~ having a first stationary-side wrap ~~(42)~~ which engages the first movable-side wrap ~~(53)~~ and a second stationary-side wrap ~~(47)~~ which engages the second movable-side wrap ~~(54)~~ are provided,

the first stationary-side wrap ~~(42)~~ and the first movable-side wrap ~~(53)~~ together form the first compression mechanism ~~(31)~~, and

the second stationary-side wrap ~~(47)~~ and the second movable-side wrap ~~(54)~~ together form the second compression mechanism ~~(32)~~.

5. (Currently Amended) The refrigeration apparatus of claim 1,

wherein:

the first and second compression mechanisms ~~(31, 32)~~ are scroll compression mechanisms,

an orbiting scroll ~~(50)~~ having a first movable-side wrap ~~(53)~~ formed in standing manner on one surface of a flat-plate part ~~(55)~~ and a second movable-side wrap ~~(54)~~ formed in standing manner on the other surface of the flat-plate part ~~(55)~~, and a fixed scroll ~~(40)~~ having a first

stationary-side wrap (42)—which engages the first movable-side wrap (53)—and a second stationary-side wrap (47)—which engages the second movable-side wrap (54)—are provided,

the first stationary-side wrap (42)—and the first movable-side wrap (53)—together form the first compression mechanism—(31), and

the second stationary-side wrap (47)—and the second movable-side wrap (54)—together form the second compression mechanism—(32).

6. (New) The refrigeration apparatus of claim 1,

wherein:

the first and second compression mechanisms are scroll compression mechanisms.

7. (New) The refrigeration apparatus of claim 1,

wherein:

the first and second compression mechanisms are displacement compression mechanisms.